

Listing of the Claims:

1. (Currently Amended) An apparatus for dispensing a viscous material comprising:

a tubular nozzle member having one end for receiving viscous material for passage through the nozzle member, a nozzle tip portion having an inwardly extending annular shoulder with an inner conical nozzle surface extending from the annular shoulder toward an opposite end of the nozzle member, and an axially extending main body tubular portion interconnecting the one end and the nozzle tip portion, the tubular nozzle member having an external surface with radially inwardly stepped reductions in dimension approaching an end of the nozzle tip portion providing guides for selectively cutting variable discharge opening sizes; and

a an interchangeable nozzle tip insert insertable into the tubular nozzle member, the insert having an outwardly extending annular flange adjacent a first end and a conical external surface extending toward a second end, the annular flange of the nozzle insert engageable against the annular shoulder within the tubular nozzle member proximate the nozzle tip portion of the nozzle member, the tip insert having a smaller end aperture than the nozzle tip portion and extending beyond an end of the nozzle tip portion of the tubular nozzle member, and operative for discharging viscous material.

2. (Cancelled)

3. (Currently Amended) The apparatus of claim 2, wherein the tip insert has an inner surface with an entry point having an angular cut funnel shaped surface portion and a cylindrical surface portion.

4. (Currently Amended) An apparatus for dispensing a viscous material comprising:

a hollow tubular housing having a first end defining a first aperture and a second end for carrying viscous material therebetween, and a nozzle-retaining annular shoulder surface adjacent one the second end of the tubular housing; and

a an interchangeable nozzle tip insert insertable into the hollow tubular housing and engagable with the nozzle-retaining annular shoulder surface within the tubular housing, the nozzle tip insert having a first aperture at a first end, a non-linear axially extending inner surface defining a passage therethrough with an a second aperture of reduced dimension than the tubular housing first aperture adjacent an outlet end and extending beyond the hollow tubular aperture for discharging a viscous material from the tubular housing through the nozzle tip insert.

5. (Currently Amended) The apparatus of claim 4 further comprising:
wherein the nozzle tip insert having a first aperture at one end and a second aperture at another end, wherein the first aperture is larger than the second aperture and is disposed opposite from the nozzle-retaining surface of the tubular housing, and a cylindrical passage portion adjacent the second aperture.

6. (Original) The apparatus of claim 4 further comprising:
a static mixer operably insertable within the hollow tubular housing for trapping the nozzle insert against the nozzle-retaining surface.

7. (Cancelled).

8. (Currently Amended) The apparatus of claim 4 further comprising:
wherein the nozzle tip insert having an inner surface with a beveled-angular cut adjacent a the first end and having a cylindrical surface portion extending longitudinally at least partially between the first end and a second an outlet end of the nozzle tip insert.

9. (Currently Amended) An apparatus for dispensing a viscous material comprising:
a hollow tubular housing having a first end defining a first aperture and a second end for carrying viscous material therebetween, and a nozzle-retaining annular

shoulder surface extending radially inwardly adjacent one the second end of the tubular housing; and

a an interchangeable nozzle tip insert insertable into the hollow tubular housing and having a radially outwardly extending annular flange defining a first aperture adjacent a first end, the radially outwardly extending annular flange engagable with the nozzle-retaining annular shoulder surface within the tubular housing, the nozzle tip insert having a second aperture smaller tan the hollow tubular housing first aperture and extending beyond the hollow tubular housing first aperture, the nozzle tip insert for discharging a viscous material from the tubular housing through the nozzle insert.

10. (Currently Amended) The apparatus of claim 9 further comprising:
~~wherein the nozzle tip insert having a first aperture at one end and a second aperture at another end, wherein the first aperture is larger than the second aperture and is disposed opposite from the nozzle-retaining surface of the tubular housing, and a cylindrical passage portion adjacent the second aperture.~~

11. (Original) The apparatus of claim 9 further comprising:
a static mixer operably insertable within the hollow tubular housing and engageable with the radially outwardly extending annular flange of the nozzle insert for trapping the nozzle insert against the nozzle-retaining surface.

12. (Currently Amended) The apparatus of claim 9 further comprising:
~~the nozzle tip insert having at least a cylindrical surface portion of a passage extending axially therethrough with a first opening adjacent one end larger than a second opening adjacent an opposite end, and the nozzle insert extending beyond the one end of the tubular housing.~~

13. (Currently Amended) The apparatus of claim 9 further comprising:

the nozzle insert having an inner passage with a beveled-angular cut surface adjacent to the first end and having a cylindrical portion extending at least partially between the first end and a the second end of the nozzle tip insert.

14. (Currently Amended) An apparatus for dispensing a viscous material comprising:

a tubular member having first and second ends, the second end defining a first aperture having an internal insert-retaining annular shoulder surface, and an axially extending portion of the tubular member interconnecting said first and second ends; and

a an interchangeable nozzle tip insert insertable into the tubular member engageable within the second end of the tubular member and having an outwardly extending annular flange engageable with the annular shoulder within the tubular member and defining a first aperture, the nozzle tip insert having a second aperture smaller than the tubular member first aperture, the tip insert extending outwardly beyond the second end of the tubular member for discharging viscous material.

15. (Cancelled).

16. (Currently Amended) The apparatus of claim 14 further comprising the nozzle tip insert having an axially extending passage therethrough, an entry portion of the passage having an angular surface in communication with a cylindrical surface extending along at least a portion of the passage.

17. (Currently Amended) The apparatus of claim 14 further comprising:
the nozzle tip insert having a first aperture at one end and a second aperture at another end, wherein the first aperture is larger than the second aperture and is disposed opposite from the insert-retaining surface of the tubular member.

18. (Original) The apparatus of claim 14 further comprising:

a static mixer operably insertable within the tubular member for trapping the nozzle insert against the internal insert-retaining surface.

19. (Cancelled).

20. (Currently Amended) The apparatus of claim 14 further comprising:
the nozzle insert having an inner passage with a beveled-angular cut portion adjacent ~~a~~ the first end and having a cylindrical portion extending along at least partially between the first end and ~~a~~ the second end of the nozzle ~~tip~~ insert.

21. (Cancelled).

22. (Cancelled).